



Engineering Internship at Dynetics

I worked at Dynetics in Huntsville, AL during Summer 2019 as an Assembly, Integrate, and Test Engineer for the Environmental Control and Life Support System on the Orion Spacecraft. I designed assembly components, worked in a class 10,000 (ISO 7) cleanroom, and performed a literature survey for Cryogenic Fluid Management (CFM), focusing on Multi-Layer Insulation (MLI).

Name: Lauren Klenk

STEP Project Category: Internship

STEP Faculty Member: Lucille Toth

Major: Aeronautical/Astronautical Engineering



Project Motivation

- Wanted to challenge myself
- Industry experience
- Broaden technical skills
- Hands-on work

Favorite Part

I enjoyed the mix of my day to day activities. I would go between working in the clean room to designing at my desk!

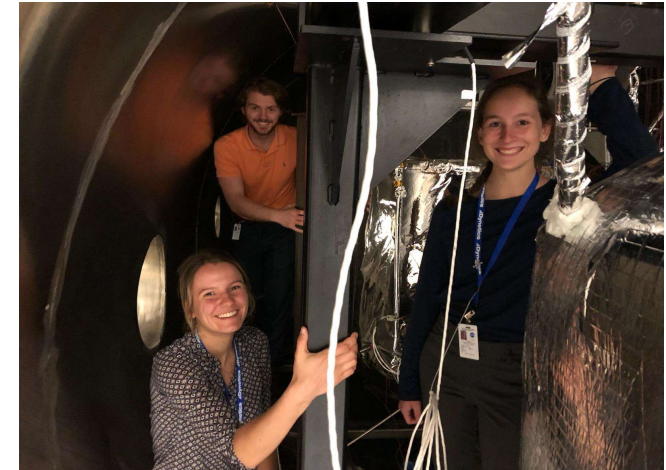


What I Learned

- Gained hands on experience designing and building human rated spaceflight hardware
- Was exposed to industry project proposals, design reviews, and project management scheduling
- Literature Survey importance to a project
- Design to build process

What was transformational?

This internship allowed me to grow as a person as I improved my organizational skills, communication skills, and thinking skills. I was also exposed to new ideas and am now able to more clearly identify my goals for my future and have a visible path to achieve them. I gained many new mentors and expanded my network and I am more excited than ever to work in this field!



THE OHIO STATE UNIVERSITY

STEP

Second-year Transformational Experience Program